

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

O I P E JUL 02 2004  
PATENT & TRADEMARK OFFICE  
Applicant : David Lowell McNeely  
Serial No. : 09/415,654  
Filed : October 12, 1999  
For : A SAMPLED DATA DIGITAL FILTERING SYSTEM  
Art Unit : 2634  
Examiner : L. B. Williams

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INFORMATION DISCLOSURE STATEMENT

- [ ] 1 Pursuant to 37 CFR 1.97(b)  
[within 3 months of filing or prior to 1st Office Action]
- [ ] 2 Certification Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]
- [ X ] 3 Fee Payment Pursuant to 37 CFR 1.97(c)  
[before Final Office Action or Allowance]
- [ ] 4 Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97(d)  
[before issue fee payment]

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

[ X ] 5 A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- [ ] 6 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- [ X ] 7 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
- [ ] 8 The required certification made in item 11 below; or
- [X] 9 The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- [ ] 10 37 CFR§ 1.97(d): [before issue fee payment]; and
  - (a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g., "Allowed Files, Batch \_\_\_, Date of Allowance \_\_\_\_\_"), and
  - (b) The required Certification is stated in item 11 below.

[ ] 11 Certification

[ ] 12 Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

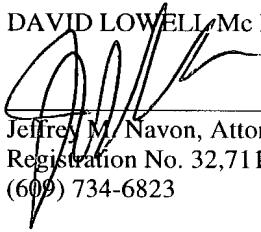
[ ] 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

[ X ] 14 Please charge the applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0832. An original and one (1) copy of this document is enclosed.

Respectfully Submitted,

DAVID LOWELL Mc NEELY

BY:

  
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Thomson Licensing Inc.  
Patent Operations  
P. O. Box 5312  
Princeton, New Jersey 08543-5312

Enclosures

June 30, 2004

Certificate Of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in a postage-paid envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date: June 30, 2004

Signature

Patricia M. Fedorowycz



CUSTOMER NO. 24498

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
**RCA 89,830**SERIAL NO.  
**09/  
415,654****INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97**

(Use several sheets if necessary)

APPLICANT  
**David Lowell McNeely**FILING DATE  
**October 12, 1999**GROUP  
**2634****U. S. PATENT DOCUMENTS**

EXAMINEE INITIAL	DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	4,745,462	05/17/88 R. A. Dischert et al.	358	21R	
	AB	5,784,378	07/21/98 B. P. Murray et al.	370	498	
	AC					
	AD					
	AE					
	AF					JUL 09 2004
	AG					Technology Center 2600
	AH					
	AI					

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes      No
AL						
AM						
AN						
AO						
AP						
AQ						

**OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)**

AR	"Mirror-Image Symmetric Perfect-Reconstruction FIR Filter Banks: Parametrization and Design", Kofidis E. et al., SIGNAL PROCESSING, AMSTERDAM, NL, vol. 68, no. 1, 20 July 1998, pp. 1-21.
AS	"A Generalized Structural Subband Decomposition of FIR Filters and its Application in Efficient FIR Filter Design and Implementation", Sanjit K. Mitra et al., IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, IEEE Inc., New York, US, vol. 40, no. 6, 1 June 1993, pages 363-374.
AT	"Pre-Interpolation Filters for Upsampling", Miao, G. J. et al., Motorola Technical Developments, Motorola Inc., Schaumburg, Illinois, US, vol. 34, 1 March 1998, pages 141-144.
AU	"Adaptive FIR Filter Structure Based on the Generalized Subband Decomposition of FIR Filters", Petraglia, M. R. et al., IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, IEEE Inc., New York, US, vol. 40, no. 6, 1 June 1993, pages 354-362
AV	(European Search Report dated January 28, 2002 & Chinese Office Action dated March 2, 2004, both enclosed.)

EXAMINER	DATE CONSIDERED
SUBMITTED BY: <b>Jeffrey M. Navon</b>	REG. NO.: <b>32,711</b> DATE: <b>June 30, 2004</b>

**BEST AVAILABLE COPY**